

CLAIMS

1) Method for producing ice-creams with stick, covered, characterised by the fact of providing the following phases:

- 5 • cooling the moulds up to a temperature sufficient to cause the surface freezing of a covering product of the ice-cream;
  - filling the moulds with said covering product for the formation of a desired layer of solidified product into contact with the mould wall;
  - 10 • suction of the not yet solidified product;
  - filling the mould with the cooled product until it reaches a pasty consistency;
  - insertion of the stick;
  - 15 • a freezing phase of said upper layer of the product before the transition of the moulds in the brine;
  - subsequent starting of freezing in the brine tank.
- 2) Method according to the claim 1, characterised by the fact of providing:
- 20 • a further phase of dosage of an optional covering layer into the mould already filled with the product;
  - subsequent completion of freezing in brine tank.
- 3) Method according to the claim 1, characterised by the fact that said cooling phase of the upper layer
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of product is carried out in a tunnel by a cooling gas.

4) Apparatus for the production of ice-creams with stick, covered, characterised by the fact of providing:

- devices suited to cool the moulds;
- 5 • devices suited to fill the mould with the product intended to realise the covering;
- devices suited to suck this covering product just below the filling station in such a way as to let only the desired layer of cooled product adhere to the mould wall;
- 10 • measuring devices suited to fill the mould of product;
- devices suited to insert the stick;
- devices suited to cause the freezing of the upper layer of product before the transition of the moulds in the freezing tank.
- 15 • a final freezing tank of the product.
- devices suited to pull the finished product out of the moulds.
- 20 5) Apparatus for the production of ice-creams with stick according to claim 4, characterised by the fact of providing devices suited to measure out into the mould filled with product a thin layer of covering material.